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Product Name :

Test Sieves

Product Code :

SLE/CE/45



Science Lab

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Description :

Test Sieves (Product Code: SLE/CE/45) are woven-wire or perforated-metal sieve pans used for sifting, filtration and particle-size grading of soils, sand, aggregates and powders in civil engineering and materials testing laboratories. They are made in sizes of 76, 100, 150, 200, 250, 300, 350 and 400 mm, among others, with frame and mesh generally in stainless steel or brass. They are manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer of engineering lab equipment in India, at its own factory in Ambala.

Specifications

Parameter	Detail
Sieving medium	Woven wire cloth or perforated metal
Construction	Wire cloth placed between two die-formed frames
Frame and meshmaterial	Stainless steel or brass
Frame sheet	Frames stamped from 22 ga sheet metal
Sizes	76, 100, 150, 200, 250, 300, 350 and 400 mm, and other sizes
Uses	Sifting and filtration
Product code	SLE/CE/45
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Are Test Sieves Used For?

Grading, the distribution of particle sizes, controls how soils compact and how aggregates pack in concrete and bituminous mixes. In a sieve analysis, a stack of sieves is arranged with the coarsest opening at the top, the dried sample is poured in and shaken by hand or on a sieve shaker, and the material retained on each sieve is weighed. The percentages passing each opening are then plotted as a grading curve.

Beyond grading, the sieves are used to sift fines out of a sample, to separate mortar or cement from coarser particles, and for simple filtration tasks. Avoid overloading any single sieve, brush the mesh gently from the underside to clear trapped particles, and dry the sieves fully before stacking them away. They are basic lab equipment for colleges, polytechnics and site laboratories in India and international markets.

What to Specify When Ordering

- The sieve size required (76, 100, 150, 200, 250, 300, 350 or 400 mm, or another size).
- Frame and mesh material: stainless steel or brass.
- Woven wire mesh or perforated metal, with the aperture openings your test method calls for.
- The number of sieves per set and the number of sets for your laboratory.

OEM

Jain S EM